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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Stephen H. Redington

Application No.:

10/025,208

Group: 2661

Filed:

December 19, 2001

Examiner:

Not Assigned

For:

SYSTEM AND METHOD FOR DYNAMIC LOCAL LOOP BANDWIDTH MULTIPLEXING

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202

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TRANSMITTAL OF FORMAL DRAWINGS

Commissioner for Patents P.O. Box 2327 Arlington, VA 22202

Sir:

Transmitted herewith are formal drawings, sheets 1/15 - 15/15, figures 1-17, for filing in the subject patent application.

Acceptance of the formal drawings is respectfully requested.

Respectfully submitted,

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Timothy J. Meagher

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Docket/App No.: 10/025,208

Title: System and Method for Dynamic Local Bandwidth

Inventors: Stephen H. Redington

1 Frame Interval

1 Time Slot Interval (DSO)

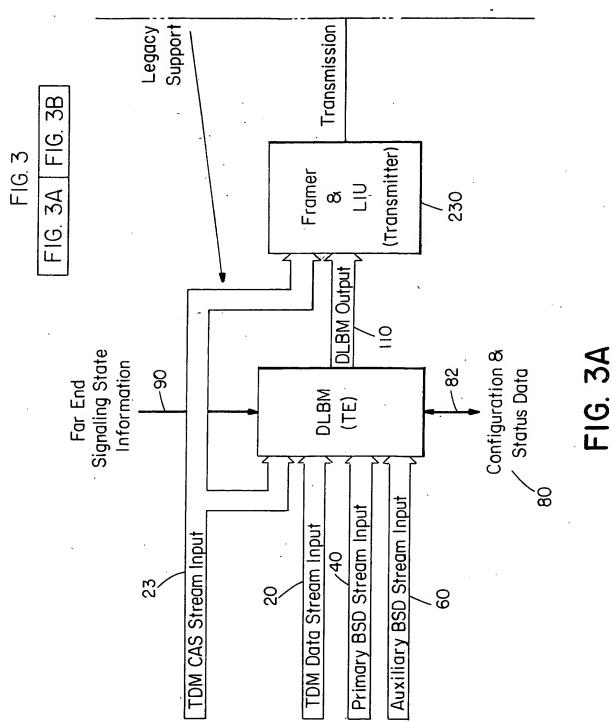
TSn TS1 TS2 TS3 TS(n-1) TSn TS1

FIG. I (PRIOR ART)

Docket/App No.: 10/025,208 Title: System and Method for Dynamic Local Ld andwidth. Inventors: Stephen H. Redington Packet Network TDM Voice Network Non-Realtime Packet Network Realtime 00 Configuring Device Bandwidth Dynamic Multiplexer Loop Transceiver 250 140 F1G. 2 Transceiver 230 80 Configuring Multiplexer Bandwidth Dynamic Loop Device 50 9 6, 4 Non-Realtime Packet Network Packet Network TDM Voice Network 9 Realtime non-BSD BSD

Docket/App No.: 10/025,208 Title: System and Method for Dynamic I Loop Bandwidth..

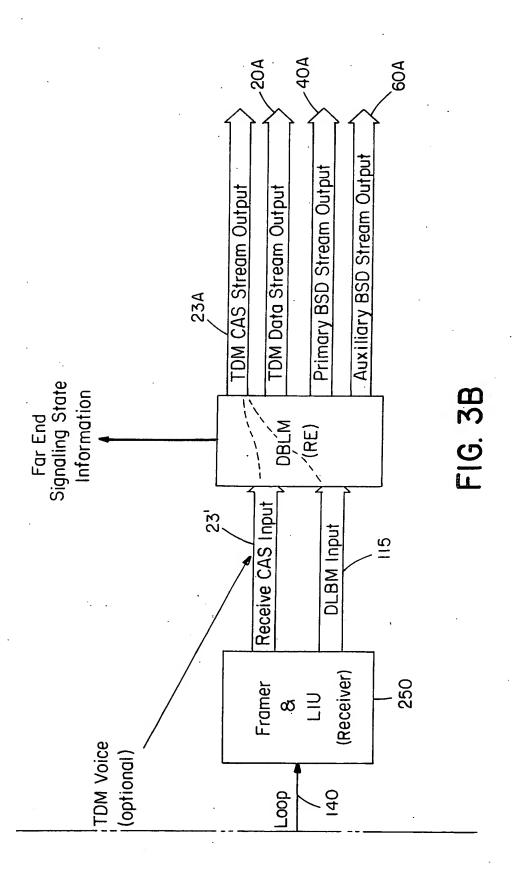
Inventors: Stephen H. Redington



Docket/App No.: 10/025,208

Title: System and Method for Dynamic Local Bandwidth...

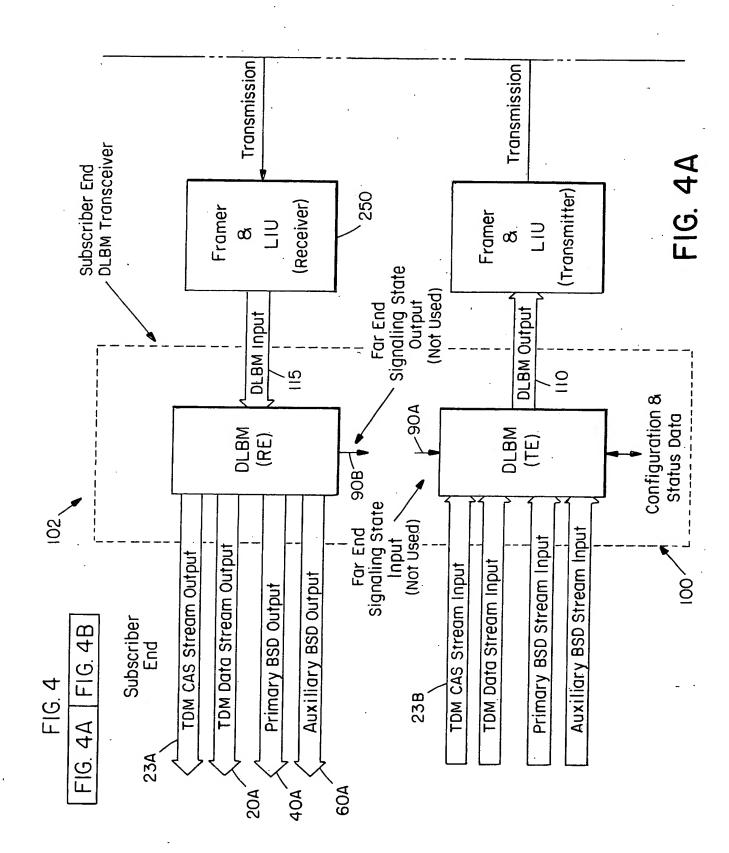
Inventors: Stephen H. Redington



Docket/App No.: 10/025,208

Title: System and Method for Dynamic Local Le Sandwidth...

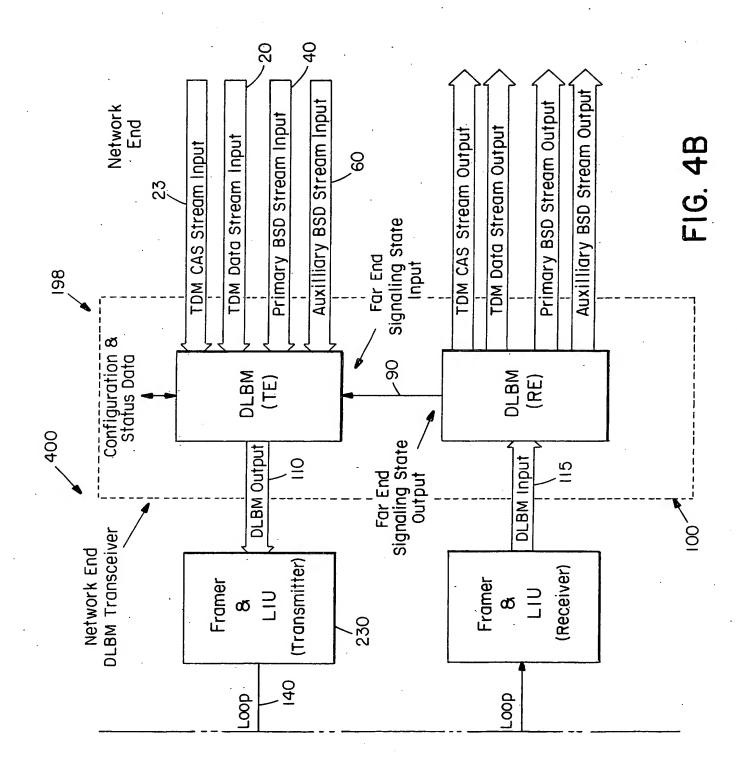
Inventors: Stephen H. Redington



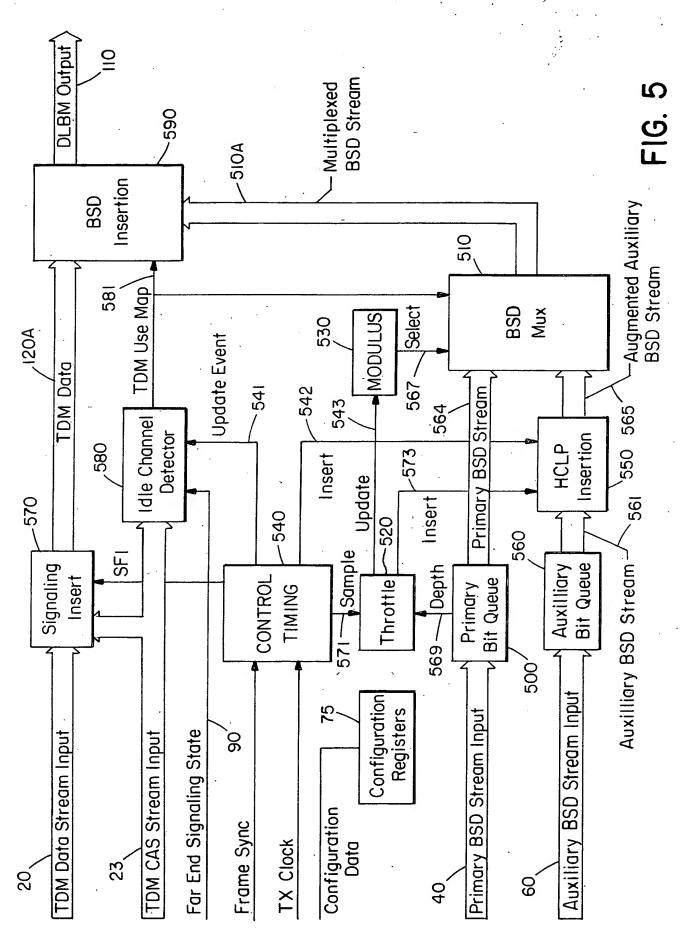
Docket/App No.: 10/025,208

Inventors:

Title: System and Method for Dynamic Loa Stephen H. Redington



Docket/App No.: 10/025,208
Title: System and Method for Dynamic Lot Oop Bandwidth...
Inventors: Stephen H. Redington



Docket/App No.: 10/025,208

Title: System and Method for Dynamic Local Bandwidth...

Inventors: Stephen H. Redington

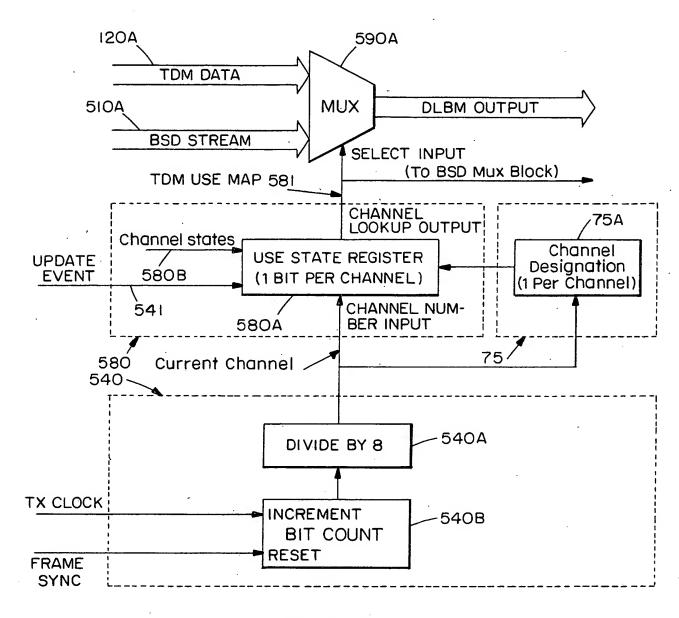
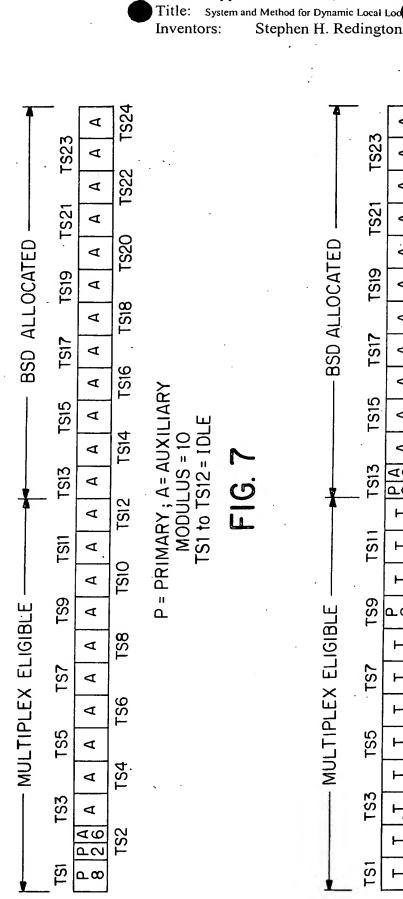


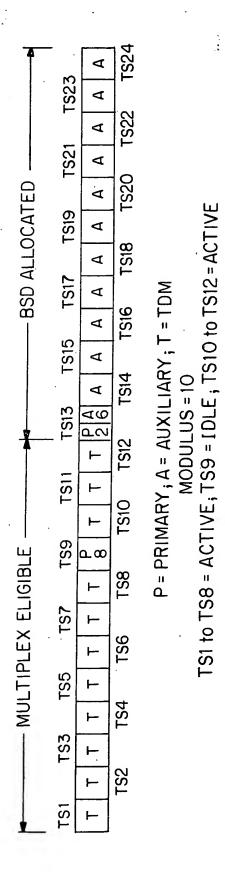
FIG. 6

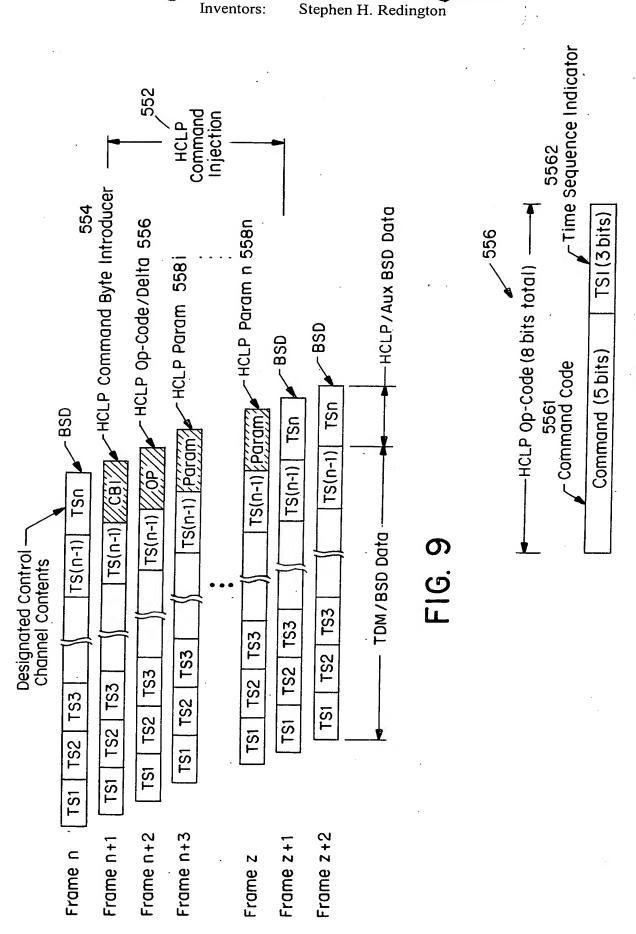


Docket/App No.:

10/025,208

Stephen H. Redington



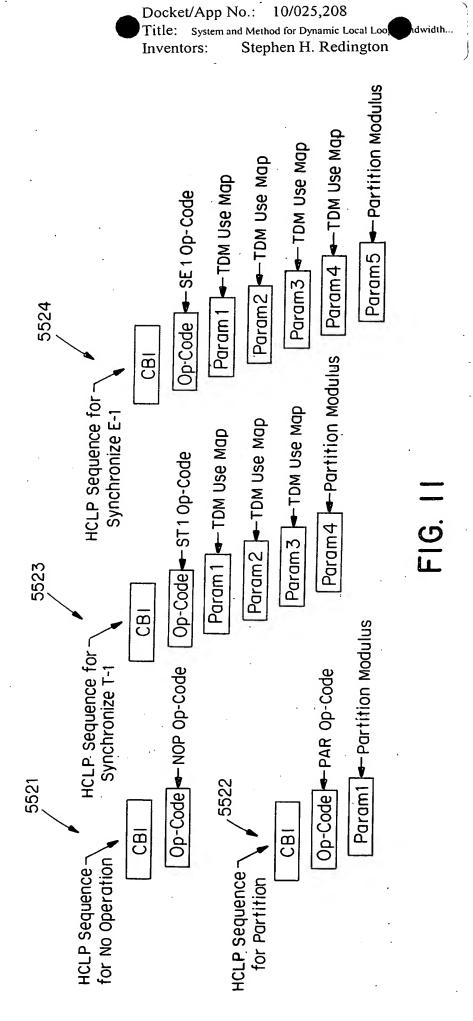


Docket/App No.:

10/025,208

System and Method for Dynamic Local L

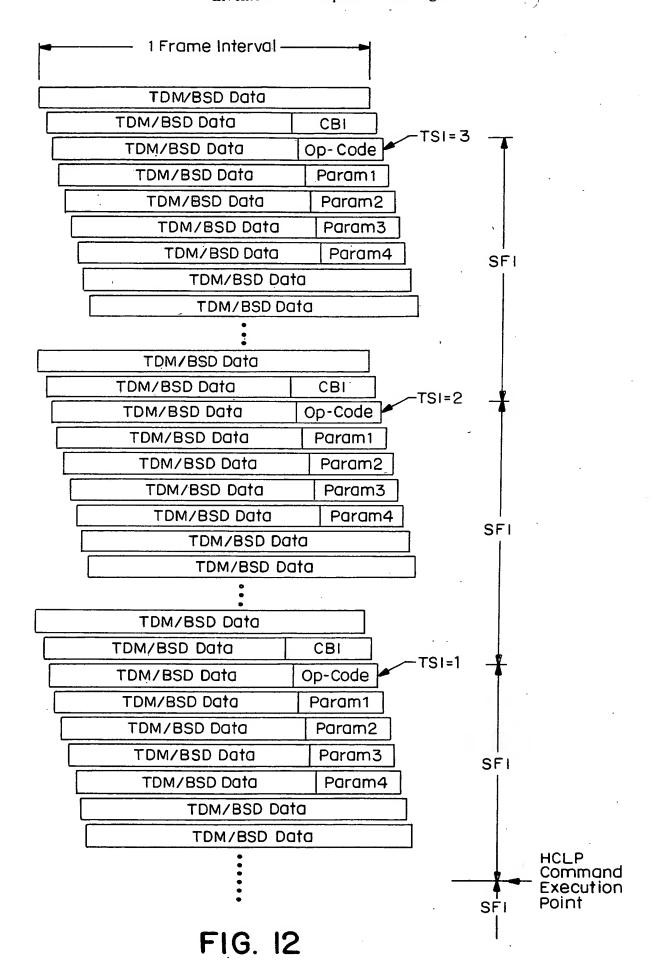
FIG. 10

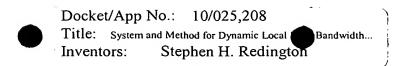


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Title: System and Method for Dynamic Loca p Bandwidth...

Inventors: Stephen H. Redington





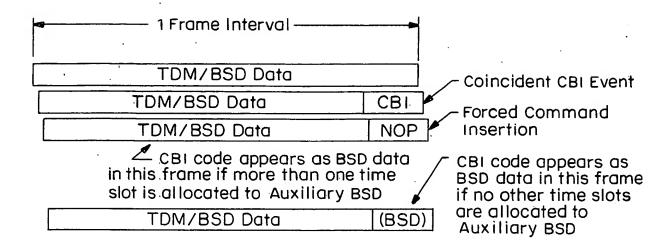


FIG. 13

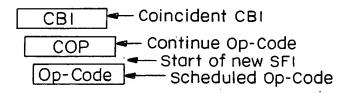


FIG. 14

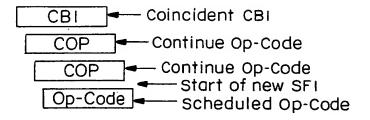


FIG. 15

Title: System and Method for Dynamic Local Bandwidth.. Inventors: Stephen H. Redington TDM CAS Stream Output Primary BSD Stream Output Auxiliary BSD Stream Output TDM Data Stream Outpu Far End Signaling State 40A 60A 20A 23A 619 Extractor HCLP 620 Extract 613 625 Inverse Idle Code Insert BSD Mux 623 FIG. 16 19 MODULUS Update Use Map MOL Re-Sync 621 SFI UpdateL 999 Command Execution FRAME CLOCK 670 <u>Unit</u> Signaling Extractor Parameters, -603 640 Command SFI Sync Assemble Command Detector HCLP Receive CAS Input 630 900 23 <u>છ</u> DLBM Input Frame

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